

FIG. 2

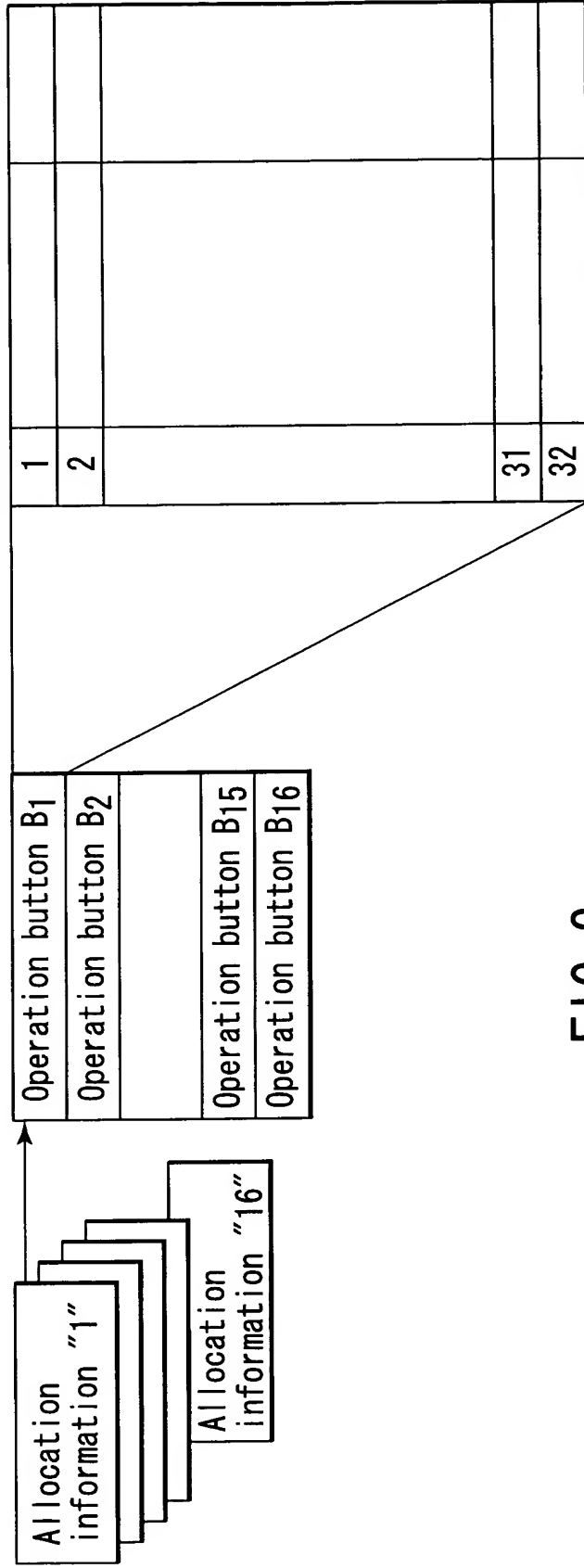


FIG. 3

FIG. 4

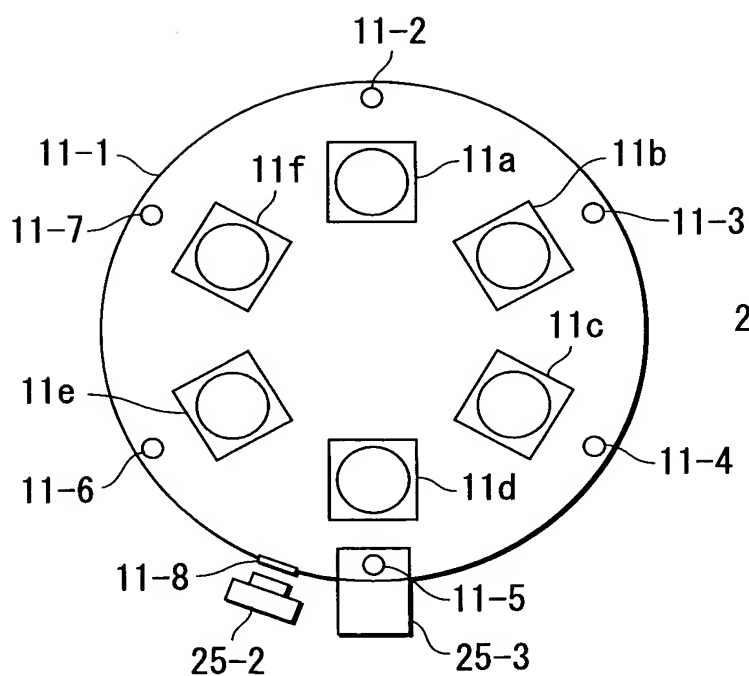
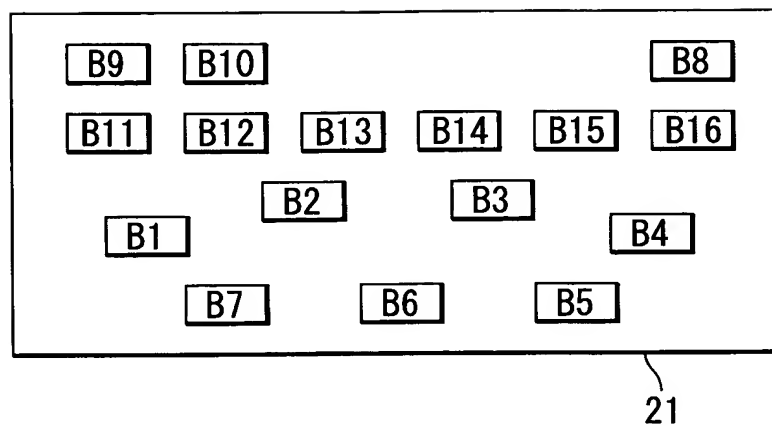


FIG. 5

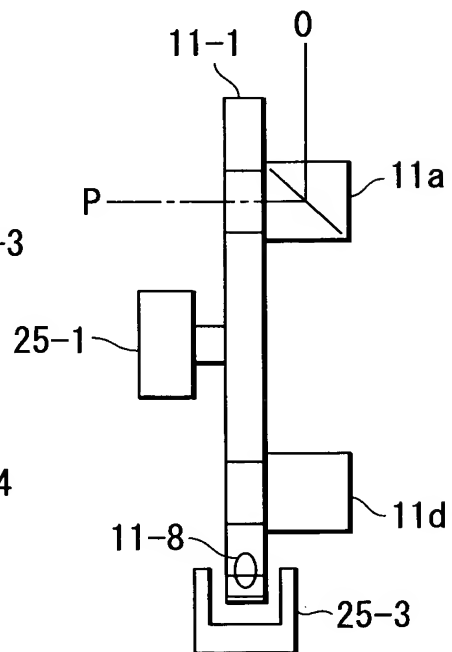


FIG. 6

Part	Position (code)	Attached optical element/meaning
Permeation filter turret 4	1 (4a)	ND6 permeability
	2 (4b)	ND12 permeability
	3 (4c)	ND25 permeability
	4 (4d)	ND50 permeability
	5 (4e)	Nil
	6 (4f)	Douser
Permeation aperture diaphragm 5	0~482	Minimum diameter, Maximum diameter
	+1	
	-1	
Condenser optical element unit 6	1 (6a)	Nil
	2 (6b)	10×phase difference observation ring slit
	3 (6c)	20×phase difference observation ring slit
	4 (6d)	Nil
	5 (6e)	Nil
	6 (6f)	Douser
Condenser top lens 7	IN (7a)	
	OUT (7b)	
Revolver/object lens 10/9	1 (9a)	10×
	2 (9b)	20×
	3 (9c)	40×
	4 (9d)	60×
	5 (9e)	10×phase difference observation
	6 (9f)	20×phase difference observation

FIG. 7

Part	Position (code)	Attached optical element/meaning
Cube cassette 11	1 (11a)	Bright field mirror unit
	2 (11b)	Fluorescence G excitation mirror unit
	3 (11c)	Fluorescence B excitation mirror unit
	4 (11d)	Fluorescence U excitation mirror unit
	5 (11e)	Nil
	6 (11f)	Nil
Permeation illumination light source 1	0~120	Light control voltage
	+1	
	-1	
Reflected-light filter turret 16	1 (16a)	ND6 permeability
	2 (16b)	ND12 permeability
	3 (16c)	ND25 permeability
	4 (16d)	ND50 permeability
	5 (16e)	Nil
	6 (16f)	Douser
Reflected-light illumination light source 14	ON	
	OFF	
Position of sample stage 8	0~2000000	0~20 [mm]
	+1	
	-1	
AF (auto focusing)	ON	
	OFF	

FIG. 8

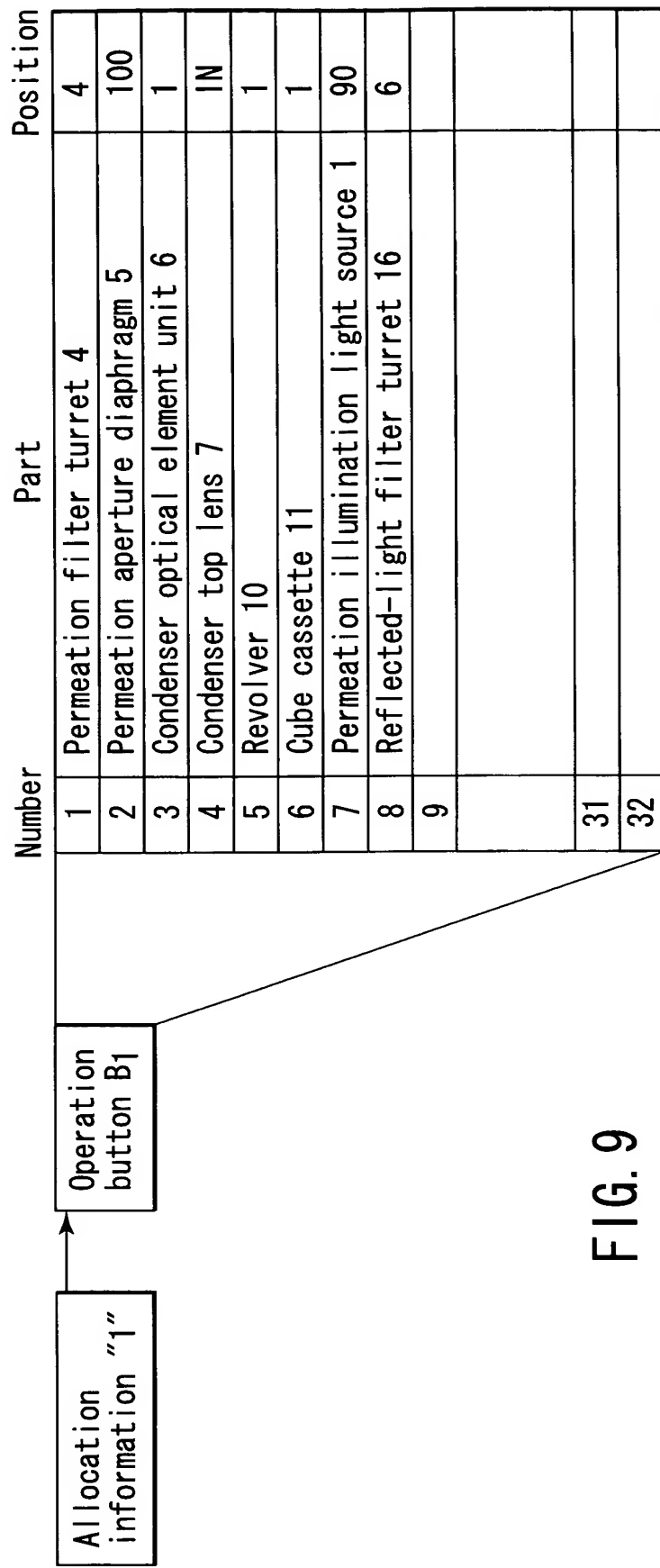


FIG. 9

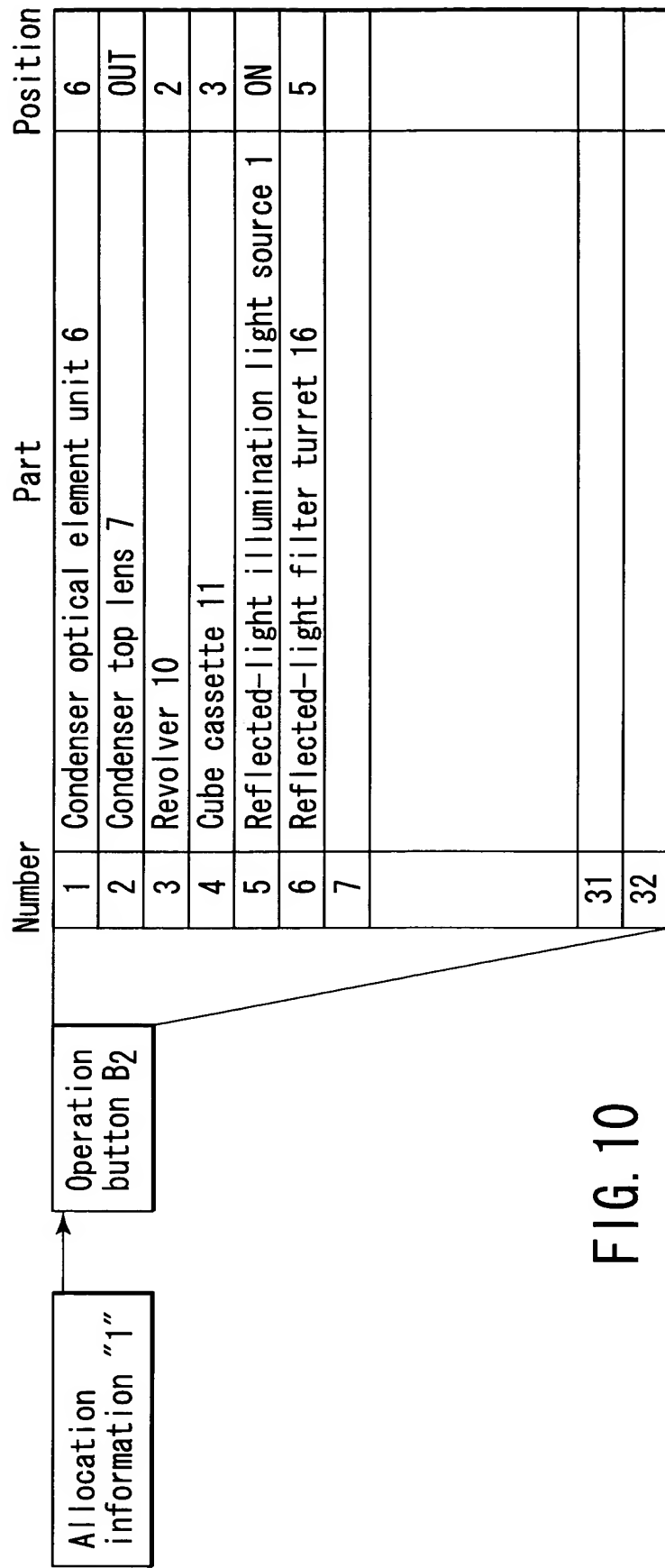


FIG. 10

Allocation information "1"	Operation button B3	Number	Part	Position
		1	Permeation illumination light source 1	100
		2	Permeation filter turret 4	4
		3	Permeation aperture diaphragm 5	482
		4	Condenser optical element unit 6	2
		5	Condenser top lens 7	IN
		6	Revolver 10	5
		7	Cube cassette 11	1
		8	Reflected-light filter turret 16	6
		9		
		31		
		32		

FIG. 11

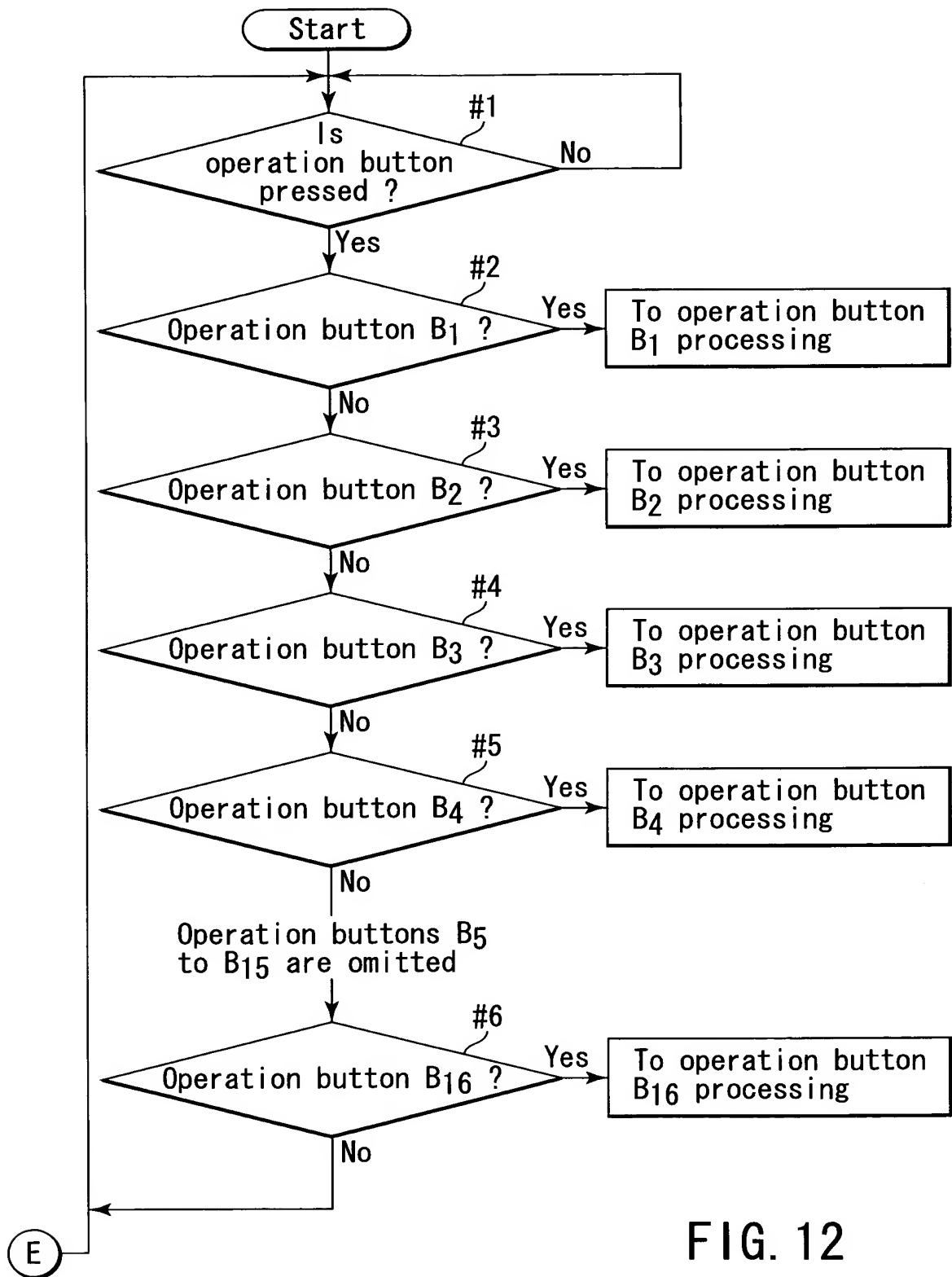


FIG. 12

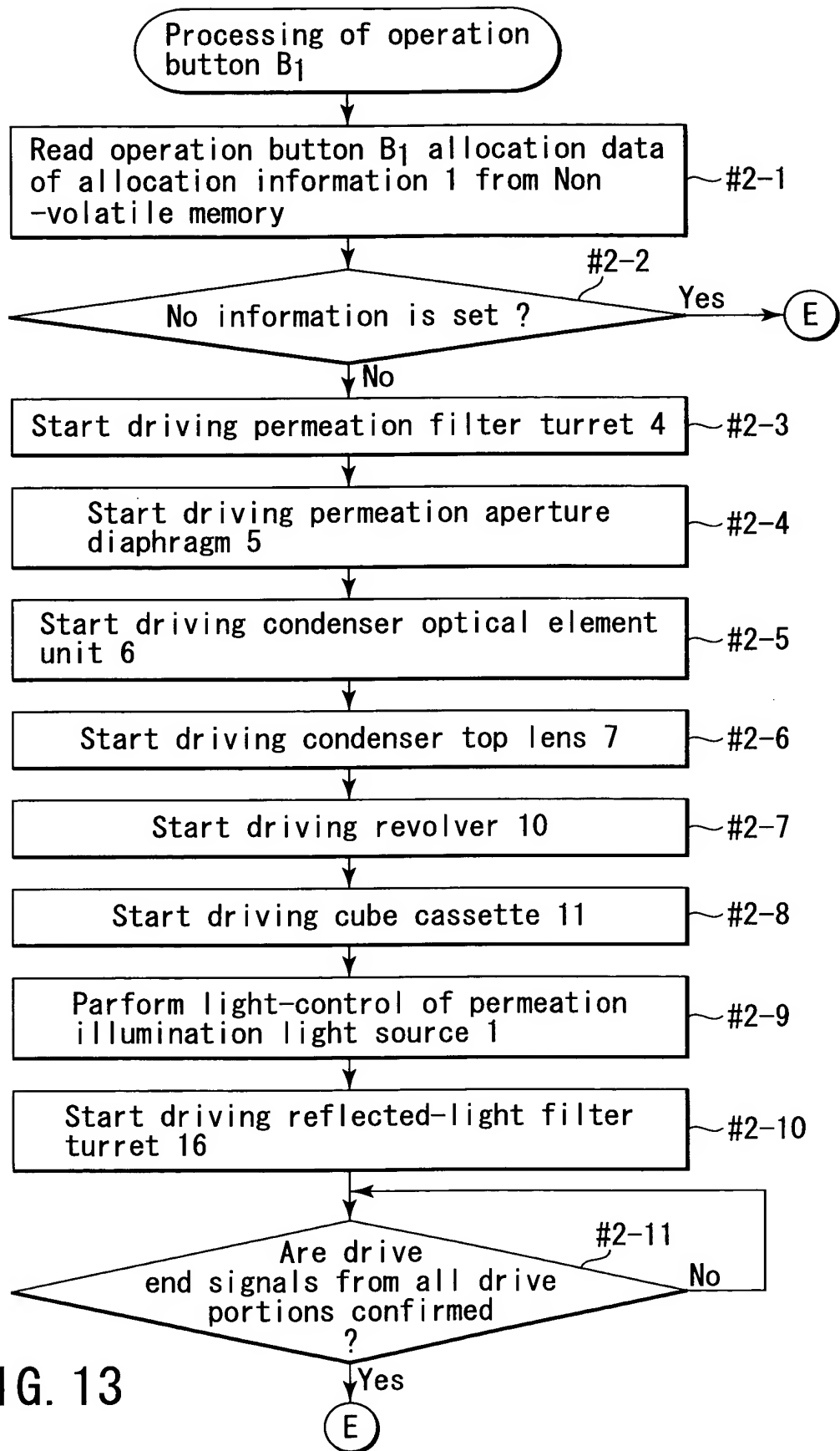


FIG. 13

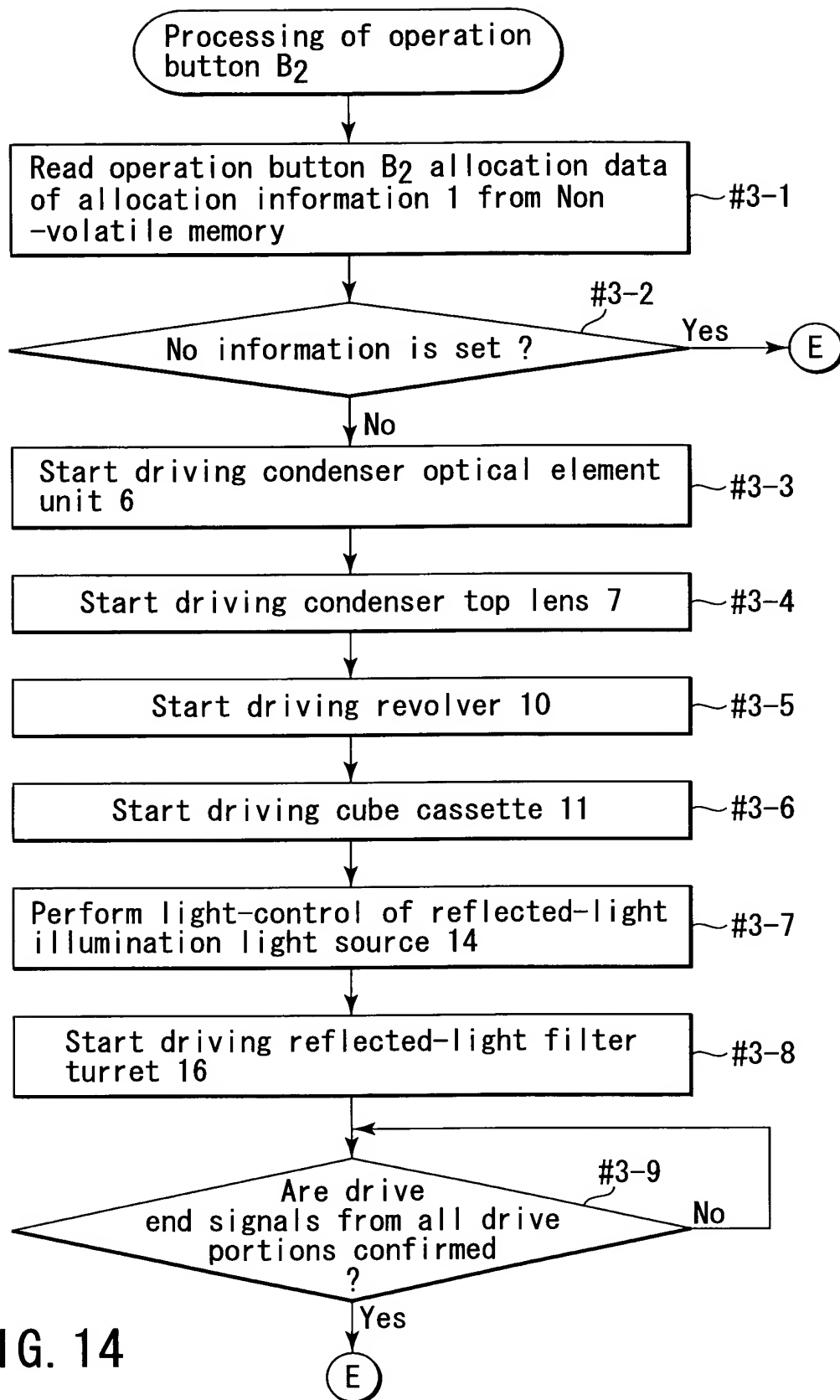


FIG. 14

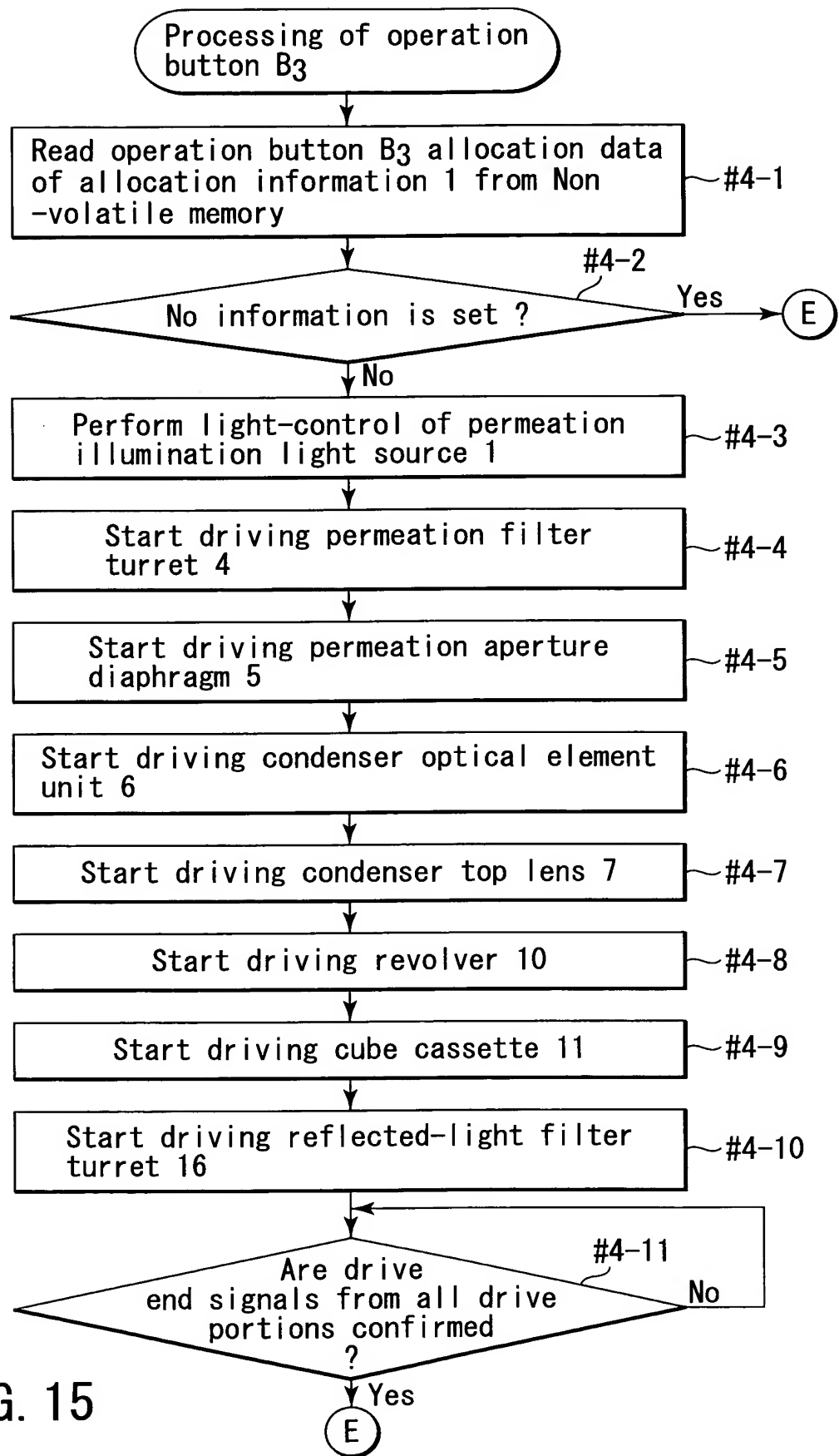


FIG. 15

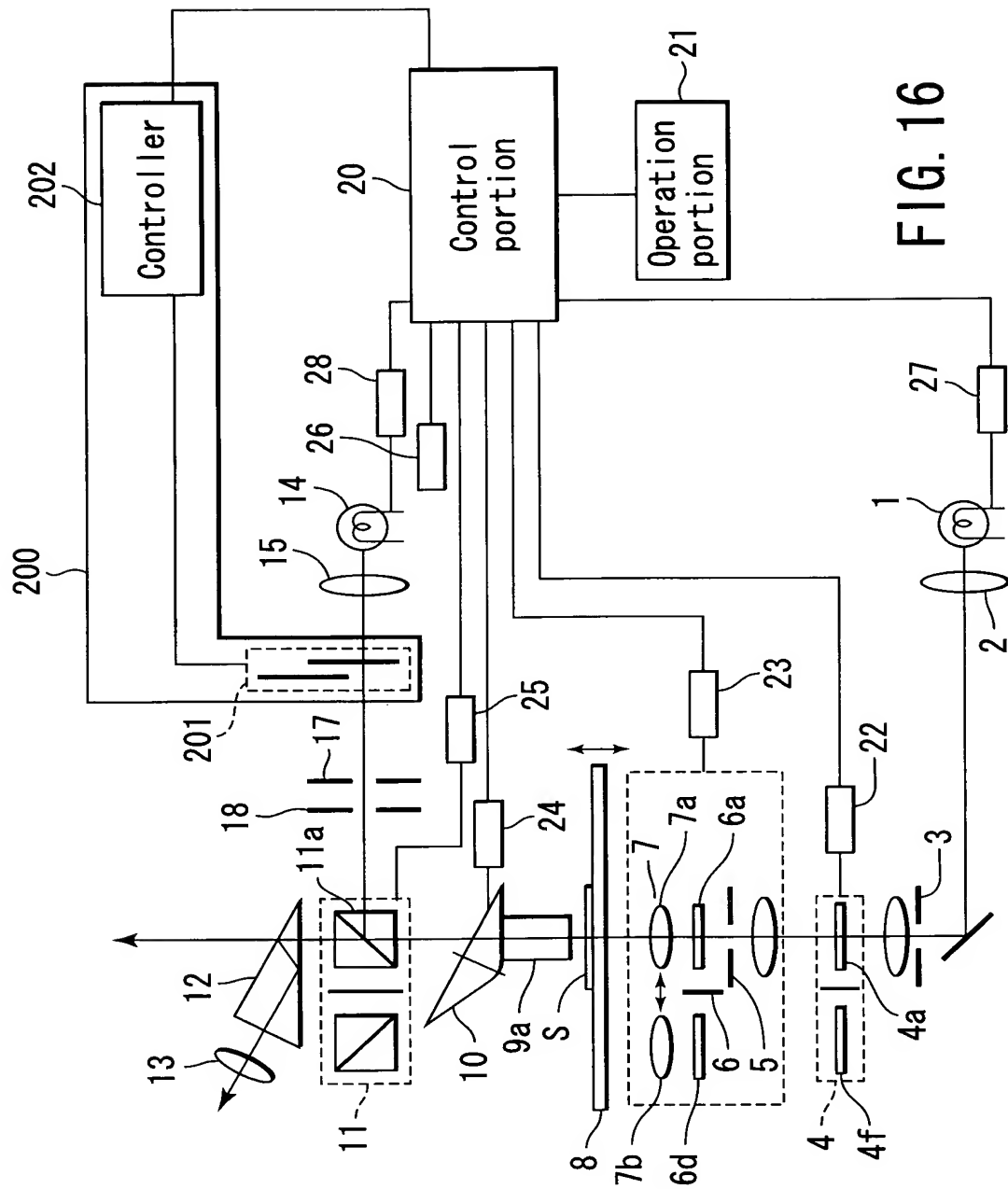


FIG. 16

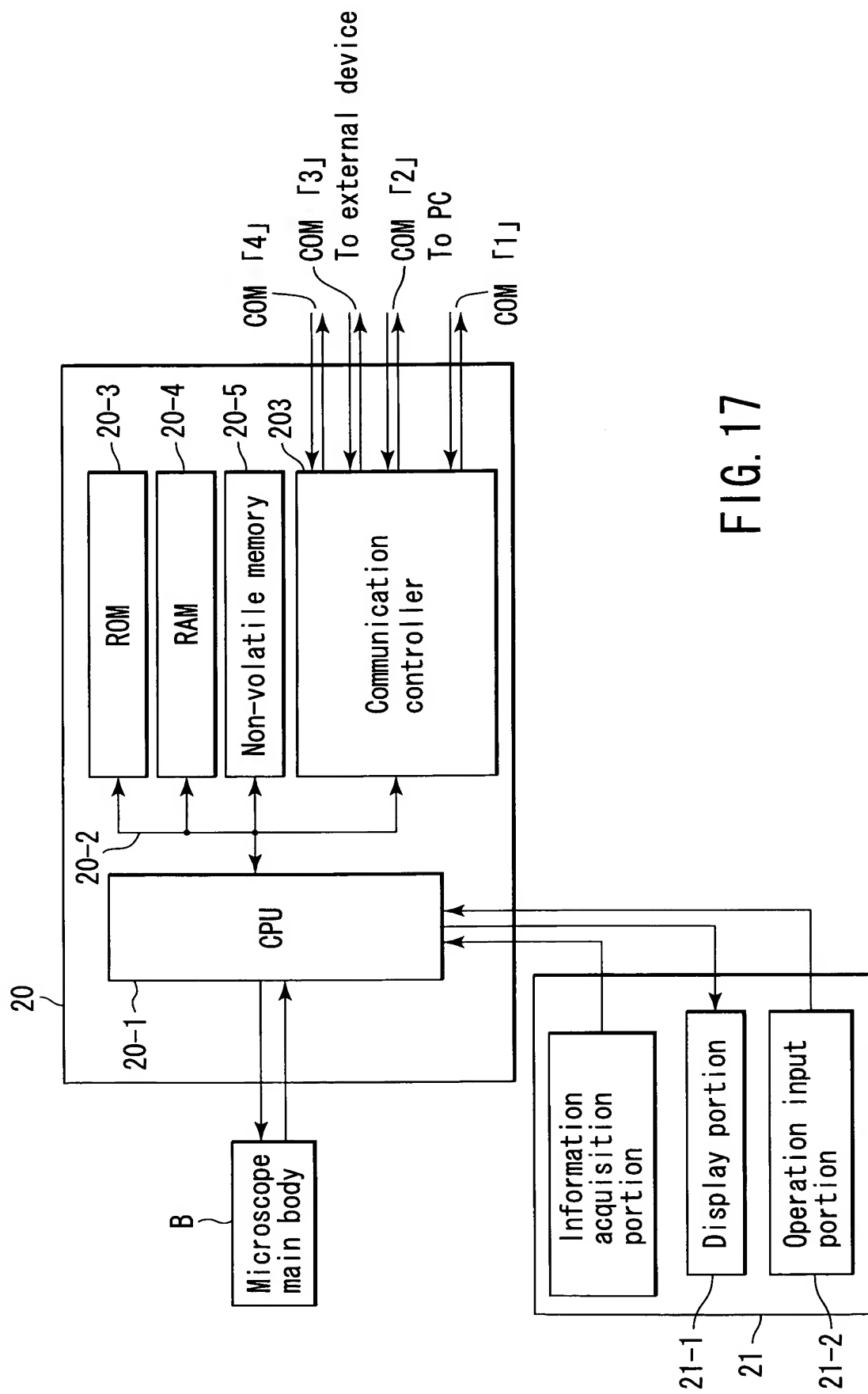
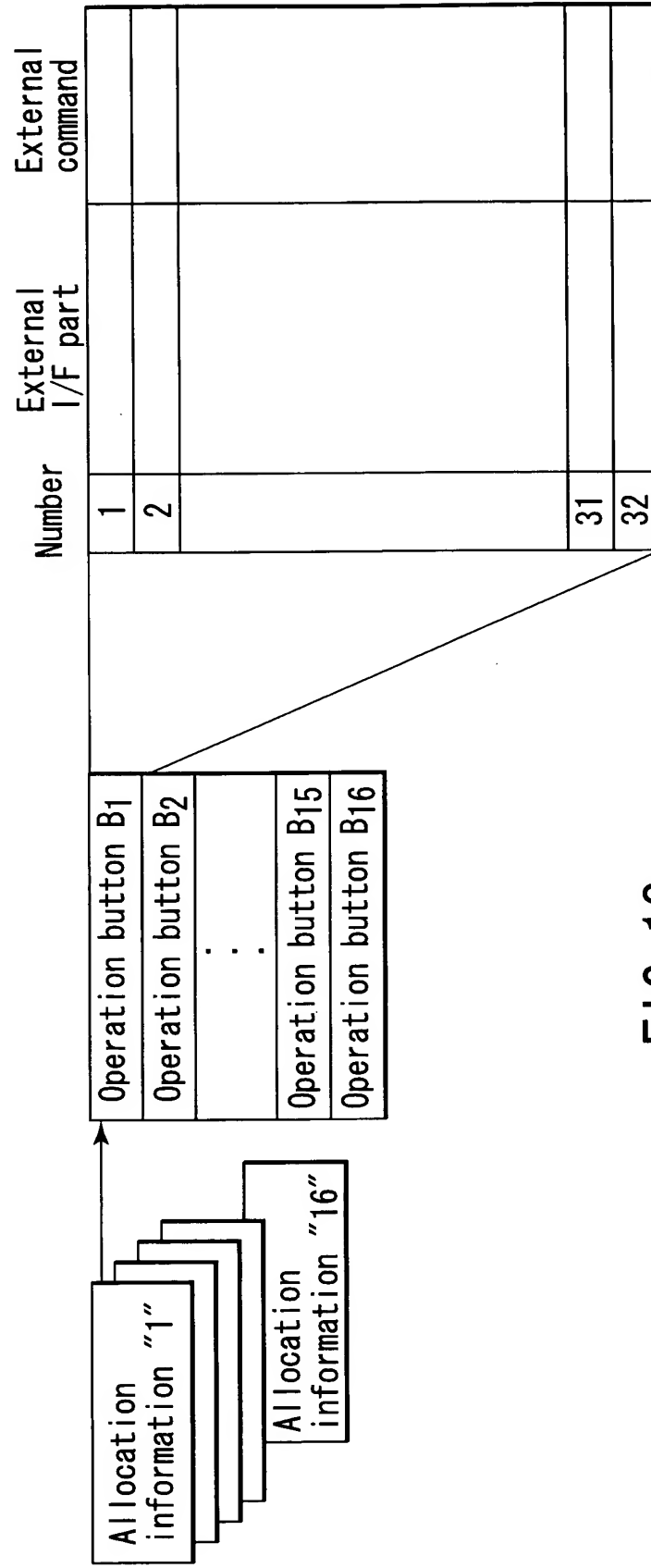


FIG. 17



Controls of high-speed shutter system 2000	Commands of high-speed shutter system 2000
Shutter closing	# 0001
Shutter opening	# 0000

FIG. 19

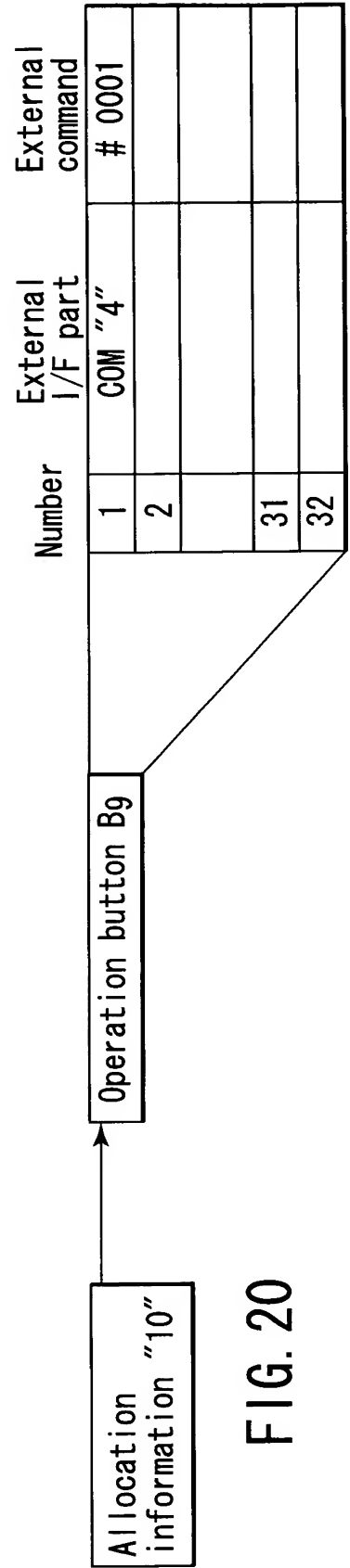


FIG. 20

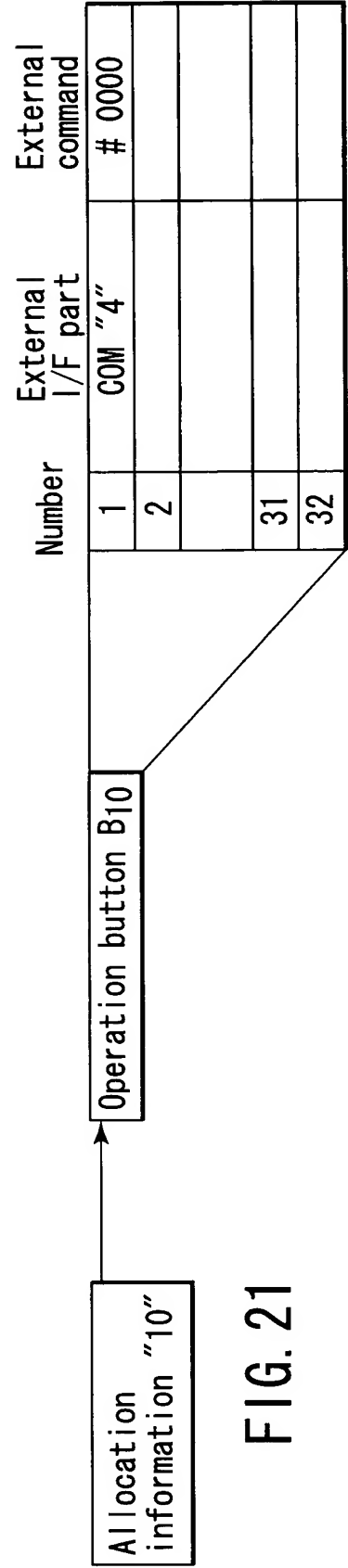


FIG. 21

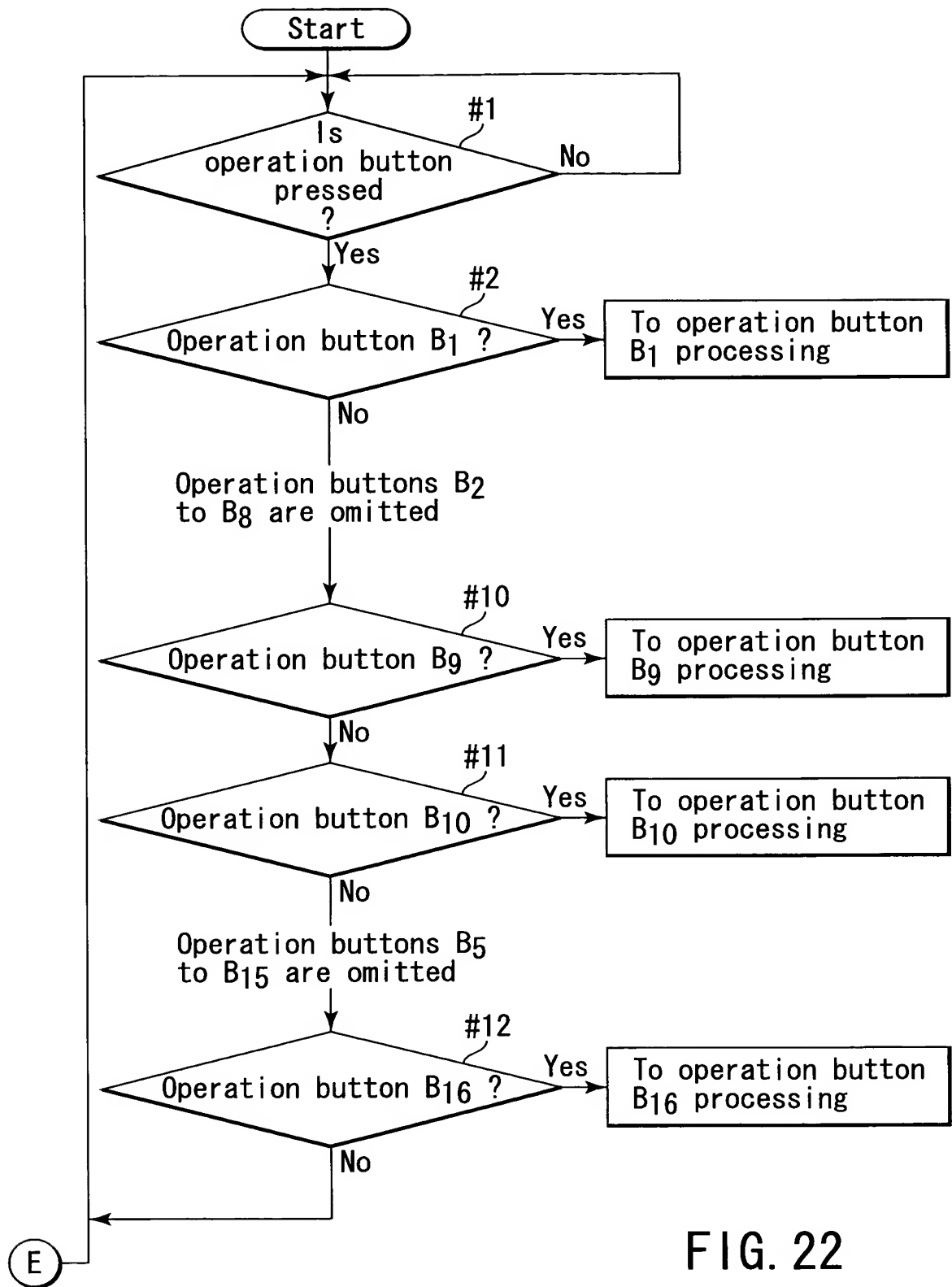


FIG. 22

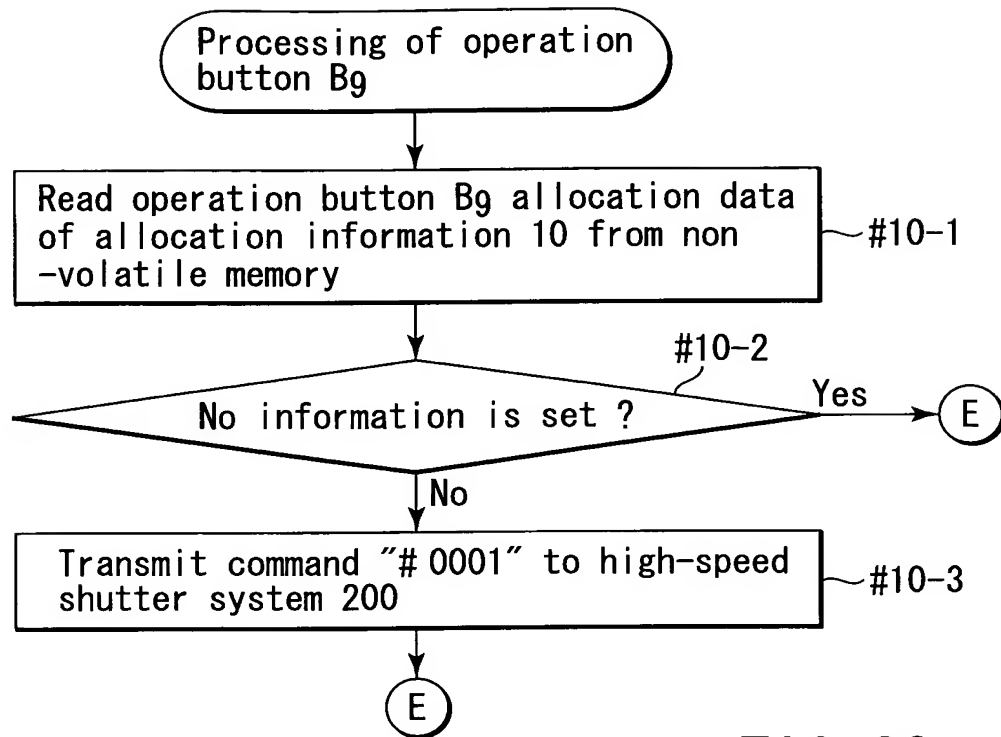


FIG. 23

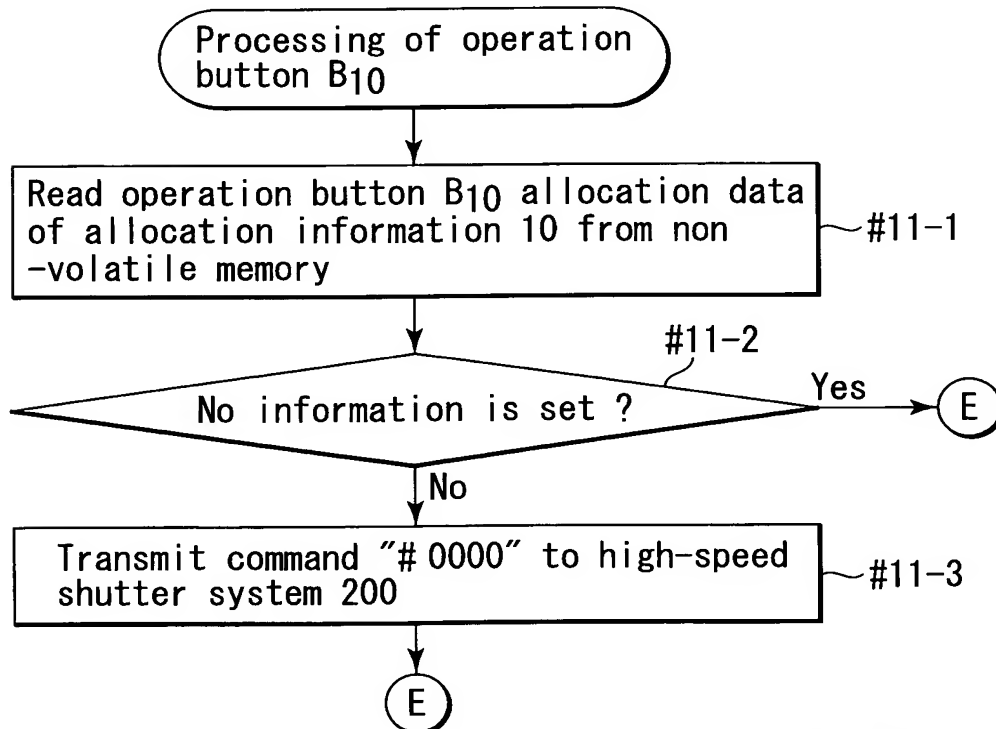


FIG. 24